

HAYS ADD.

$$\Delta = 76 - 40 \div 2 = 38 - 20 =$$

TAN. = 25 FT.

RAD. 25X COT. 38-20 =

$$1.26471 \times 25 = 31.62$$

DEFLECTIONS = 9-35
19-10
28-45
38-20

$$\text{CHORDS LENGTH} = \text{RAD.} \times \sin 19-10 = 32832 \times 31.62 = 10.53 \text{ FT.}$$
$$\text{Core Length} = (2\pi r) = 136.67 \cdot \frac{38.33}{360} \cdot 10.64\% \cdot 19867 = 21.13$$

Cover # 2.

$$\Delta = 76 - 40 \div 2 = 38.20$$
$$RAD = 81.62 \text{ Ft}$$
$$\overline{TAN} = 2 \tan \frac{1}{2} \overline{I} = \frac{64.52}{65.30} \text{ FT.}$$

~~Doc 9-35~~

19-10

28-45

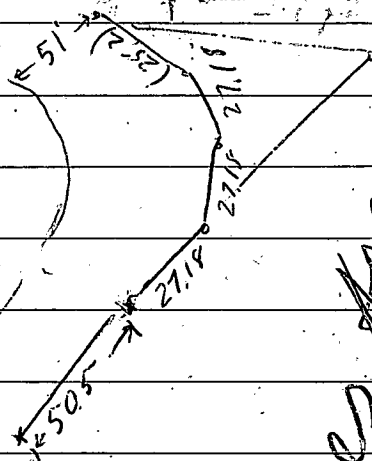
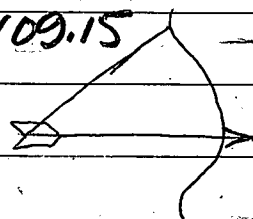
38-20

CHORDS LENGTHS. 27.18 FT

CURVE LENGTH = 54.56 FT ✓

42821

109.15



Handwritten signature: *[Signature]*

21.62
2
16.324
3.1416
2.97944
1.6324
6.5224
1.6372
2.834.784
51.2.8

3.1416
81.
128.21
512.83
414
116/32
32/0

#3

$$\Delta = 103 - 15 = \frac{102 - 75}{2} = 51 - 37$$

$$TAN. = 100 \text{ FT.}$$

$$RAD. = 792117 \times 100 = 7920 \text{ FT.}$$

DEFLECTIONS 12-54-22

25-48-45

38-43-07

51-37-30

CHORD LENGTHS

$$SIN. 12-54 \times RAD. \times 2 = 35.35 \text{ FT.}$$

$$CURVE LENGTH = 2\pi R = 497.63 \text{ FT.}$$

$$\frac{103.25}{360} = 28.6\%$$

$$497.63 \times 28.6\% = 142.31 \text{ FT. L.C.}$$

#4

$$\Delta = 103 - 15 = 51 - 37$$

$$TAN. = \frac{2}{R} \tan \frac{1}{2} I = 163 \text{ FT.}$$

$$RAD. = 129.20$$

DEFLECTIONS - 12-54-22

25-48-45

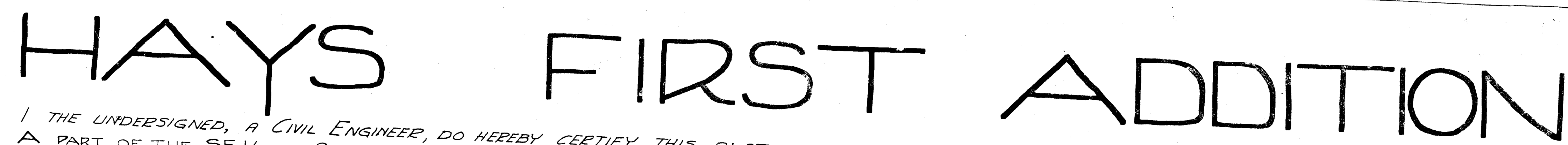
38-43-07

51-37-30

CHORD LENGTHS = 57.70 FT.

CURVE LENGTH = 232.17 FT.

232.17



Note: Said Stone being 485' East of the NW corner of E 1/4 of S 2 1/4 of said Sec 17

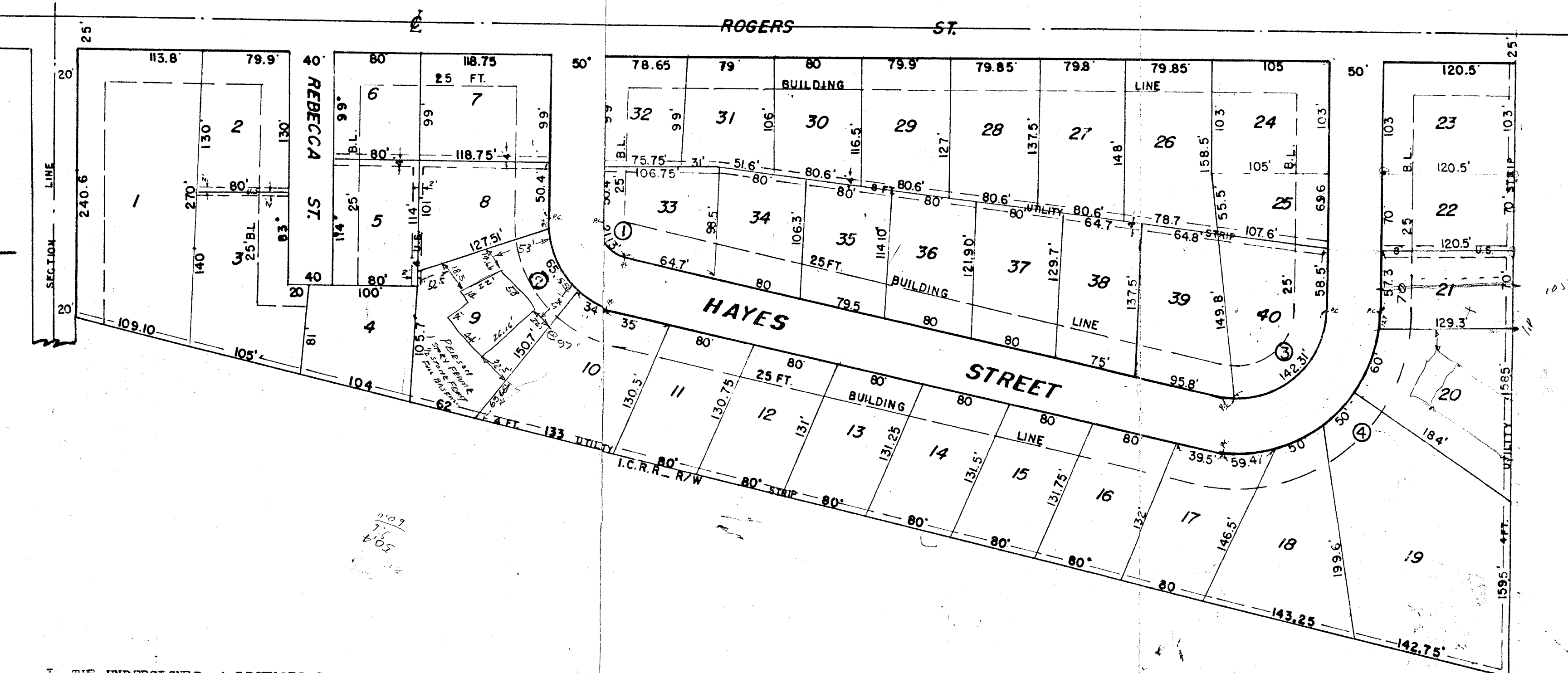
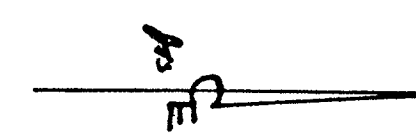
J. M. CASON P.E. 2191

SCALE 1" = 30'

C-M ENGINEERING, INC.
BLOOMINGTON, INDIANA

HAYES ADDITION

NO.	RAD.	ANGLE	TAN.
1	31.62	76.40	25'
2	81.62	76.40	64.52
3	79.20	103.15	100
4	129.20	103.15	163'



I, THE UNDERSIGNED, A LICENSED CIVIL ENGINEER IN THE STATE OF INDIANA, DO HEREBY CERTIFY THAT THE PLAT SHOWN ABOVE IS A TRUE REPRESENTATION OF THE HAYES ADDITION OF A PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP EIGHT (8) NORTH, RANGE ONE (1) WEST AND DESCRIBED AS FOLLOWS: BEGINNING AT A POINT THAT IS 465 FEET EAST AND 1301 FEET SOUTH OF THE NORTHWEST CORNER OF THE SAID EAST HALF OF THE SOUTHEAST QUARTER AND IN THE CENTER OF THE SOUTH ROGERS STREET ROAD (OLD STATE HIGHWAY #22); THENCE RUNNING SOUTH OVER AND ALONG THE CENTER LINE OF THE SAID SOUTH ROGERS STREET ROAD (OLD STATE HIGHWAY #22) FOR A DISTANCE OF 1235 FEET AND TO THE SOUTH LINE OF THE SAID SOUTHEAST QUARTER; THENCE RUNNING EAST OVER AND ALONG SAID SOUTH LINE OF THE SAID SOUTHEAST QUARTER FOR A DISTANCE OF 265.6 FEET AND TO THE WEST RIGHT-OF-WAY LINE OF THE ILLINOIS CENTRAL RAILROAD; THENCE RUNNING NORTH 14 DEGREES EAST OVER AND ALONG THE SAID WEST RIGHT-OF-WAY LINE OF THE SAID RAILROAD FOR A DISTANCE OF 1379.10 FEET; THENCE RUNNING WEST FOR A DISTANCE OF 566 FEET AND TO THE PLACE OF BEGINNING, CONTAINING IN ALL 13.45 ACRES, MORE OR LESS.

USE
NO LOT, LOTS OR PARTS THEREOF EXCEPT LOT NUMBER 1 SHALL BE USED FOR BUSINESS OR COMMERCIAL PURPOSES. NO LIVESTOCK OR POULTRY SHALL BE CONFINED, PASTURED, FED OR MAINTAINED ON ANY LOT IN THIS ADDITION. NO HOUSE TRAILERS SHALL BE PLACED ON ANY LOT IN THIS ADDITION. NO BASEMENT DWELLING WILL BE PERMISSIBLE IN THIS ADDITION. THERE SHALL NOT BE MORE THAN ONE (1) DWELLING HOUSE ON ANY LOT IN THIS ADDITION.

DWELLING
NO DWELLING HOUSE HAVING LESS THAN 900 SQUARE FEET SHALL BE ERRECTED IN THIS ADDITION.

UTILITY STRIPS
SHOWN ON THIS PLAT ARE THE VARIOUS UTILITY STRIPS, THAT ARE HEREBY RESERVED FOR THE USE OF PUBLIC UTILITIES, AND ON OR WHICH NO PERMANENT STRUCTURE SHALL BE ERRECTED OR MAINTAINED. POWER POLES SHALL BE PLACED WITHIN 3 FEET OF ANY LOT CORNER.

BUILDING LINES
SHOWN ON THIS PLAT ARE THE BUILDING LINES, BETWEEN WHICH LINES AND THE STREET LINES NO BUILDINGS OR PARTS THEREOF SHALL BE ERRECTED OR MAINTAINED. THE RIGHT TO ENFORCE THESE CONDITIONS AND RESTRICTIONS BY INJUNCTION IS DEDICATED TO THE OWNERS OF THE LOTS IN THIS ADDITION. WE, THE UNDERSIGNED, THE OWNERS OF THE REAL ESTATE DESCRIBED HEREIN, HEREBY ACKNOWLEDGE THE EXECUTION OF THIS PLAT, THE SAME TO BE KNOWN AS THE HAYES ADDITION OF A PART OF THE EAST HALF OF THE SOUTH EAST QUARTER OF SECTION 17, TOWNSHIP (8) NORTH, RANGE ONE (1) WEST.

STATE OF INDIANA SS
COUNTY OF MONROE

PERSONALLY APPEARED BEFORE ME A NOTARY PUBLIC IN AND FOR SAID COUNTY THIS _____ DAY OF _____ 1956
_____ AND _____ AND ACKNOWLEDGED THE EXECUTION OF THE
INSTRUMENT ABOVE FOR THE PURPOSE THEREIN STATED.

WITNESS MY HAND AND SEAL THIS _____ DAY OF _____ 1956
MY COMMISSION EXPIRES _____ 19 _____

APPROVED-MONROE COUNTY PLAN COMMISSION

PRESIDENT

SECRETARY

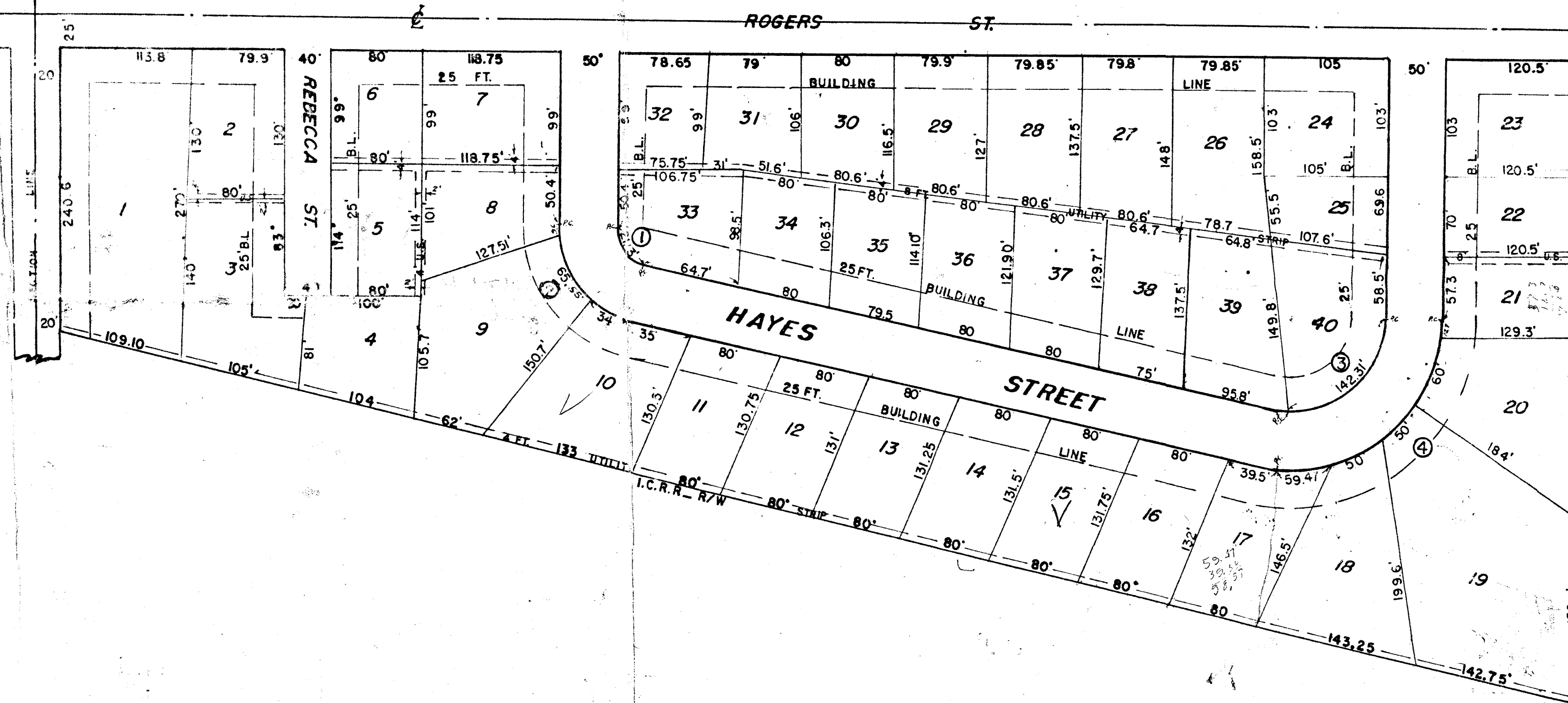
NOTARY PUBLIC

HAYES ADDITION
S. ROGEE ST. ROAD

5
2

HAYES ADDITION

CURVE DATA			
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John S. Stettin
CIVIL ENGINEER AND SURVEYOR

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